杭州佩金化工有限公司

HANGZHOU PEIJIN CHEMICAL CO., LTD.

PRODUCT CATALOGUE OF PU MATERIALS

ISOCYANATE

PMDI

Product	Appearance	NCO(%)	Viscosity (mpa·s/25℃)	Application
M-200	Brown Liquid	30.0-32.0	150-230	Rigid Foam,Spray
44V20L	Brown Liquid	30.5-32.5	160-240	Rigid Foam,Spray
M20S	Brown Liquid	30.5-32.5	150-250	Rigid Foam,Spray
MR-200	Brown Liquid	30.5-32.0	150-250	Rigid Foam,Spray
PM-200	Brown Liquid	30.5-32.0	150-250	Rigid Foam,Spray

Pure MDI

Product	Purity	Color APHA	2,4-isomer,% (A/A)	Hydrolyzable chlorine	Cyclohexane insolubles
MDI-50	≥99.6%	≤50	50.0-54.0%	≤0.005%	≤0.2%
MDI-100	≥99.7%	≤30	≤2%	≤0.005%	≤0.3%

TDI

Product	Appearance	NCO(%)	Application
T-80	Transparent Liquid	≥Purity 99.5%	Slabstock,Mold,CASE
T-65	Transparent Liquid	≥Purity 99.5%	Slabstock,CASE
T-100	Transparent Liquid	≥Purity 99.5%	CASE

Typical properties. Not to be construed as specifications.

POLYOL

Polyol for Flexible Foam

Product	Molecular Weight (g/mol)	OH Value (mg KOH/g)	Viscosity (mpa·s/25℃)	Water Content%	Acid Numbermg KOH/g	Color APHA	Application
PK-3031K	3000	54-58	400-600	≤0.05	≤0.05	≤50	Conventional Flexible polyol for middle and high density slabstock foam
PK-3500	3500	46-50	500-750	≤0.05	≤0.05	≤50	Conventional Flexible polyol for middle and high density slabstock foam
PK-330N	-	32-37	800-1000	≤0.08	≤0.1	≤100	BHT/amine-free high reactive, polyether of extreme broad usage range
PK-1070	-	220-260	200-300	≤0.05	≤0.15	≤50	Used for memory foam

Typical properties. Not to be construed as specifications.

Polymeric Polyols

Product	OH Value (mg KOH/g)	Viscosity (mpa·s/25℃)	Water Content%	Solid content	Application
PK-3045	27-33	4000-6500	≤0.08	42%	General foam, super high hardness soft foam, hot molding foam
PK-3013	40-46	700-1300	≤0.08	12%	General foam,hot molding foam

Typical properties. Not to be construed as specifications.

Based Polyol for Rigid Foam

Product	OH Value (mg KOH/g)	Viscosity (mpa·s/25℃)	Water Content%	Acid Numbermg KOH/g	Color APHA	Application
PK-4110	400-460	4500-6500	≤0.15	-	≤10	Common rigid foam.Used for refrigerators, freezer, sanwich panels and spray coating
PK-4110H	400-460	2000-4000	≤0.15	-	≤10	Common rigid foam.Used for refrigerators, freezer, sanwich panels and spray coating
PK-403	735-805	1500-2500(50℃)	≤0.15	-	≤50	Rigid foam crosslinker.Used for refrigerators,freezer, sandwich panel and spray coating
PK-835	420-480	4500-6500	≤0.15	≤0.20	-	Sophisticated type. Higher storage stability
PK-680	445-475	1750-2350	≤0.15	≤0.15	-	Specifically uesd for refrigerator and freezer.Short demould time.

Typical properties. Not to be construed as specifications.

Blended Polyol for Rigid Foam

Accept all types of customized products

ADDITIVES

Product	Appearance	Melting Point,℃	Water Content,%	acetone insoluble,%	Application
MOCA	White needle crystal	102-108	≤0.30	≤0.04	Used for cross-linker or curing agent for cast PU products,curing epoxy resin

Product	Appearance	Diamine	TDA	Water Content,%	2,4-isomer,%	Application
DETDA（E100）	Light yellow to amber liquid	≥98%	≤0.1%	≤0.1%	75.5%-81.0%	Good chain extender of PU elastomer, especially for RIM and SPUA. And used as curing agent of PU and epoxy resin; also used as antioxidant in epoxy resin
DMTDA（E300）	Amber Liquid	≥97%	≤1%	≤0.1%	77.0%-80.0%	Very effective chain extender of polyurethane elastomer, especially for RIM and SPUA. And used as curing agent of PU and epoxy resin; also used as antioxidant in epoxy resin

Product	Appearance	Viscosity（mpa·s/25℃）	Phosphorous Content(wt%)	Chlorine Content (wt%)	Water Content (%)	Acid Value (%)	Application
TCPP	Pale yellow transparent viscous liquid	60-70	≥ 9.4±0.4	≥ 32.4±0.5	≤0.1%	≤0.1%	Widely usedin flexible and rigid polyurethane foam, polyvinyl chloride, polyvinyl acetate, phenolic resins, epoxy resins

Typical properties. Not to be construed as specifications.

OTHER

Polyetheramine

Product	Viscosity（mpa·s/25℃）	Color APHA	AHEW,g/eq	Molecular Weight（g/mol）
PK-A230	5-50	≤30	60	230
PK-A400	20-100	≤30	115	400
PK-A403	50-100	≤100	81	400
PK-A2000	200-500	≤100	514	2000
PK-A5000	600-800	≤100	850	5000

Typical properties. Not to be construed asspecifications.